CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

- Before this Amendment: Claims 1-72.
- After this Amendment: Claims 1-17, 56-61, and 70.

Non-Elected, Canceled, or Withdrawn claims: 18-55, 62-69, 71, and 72.

Amended claims: 5, 6, and 11.

New claims: none .

Claims:

1. (ORIGINAL) A method for protecting a digital good, the method comprising:

generating a fingerprint, the fingerprint being associated with a watermark;

embedding the watermark into a digital good without embedding the fingerprint.

2. (ORIGINAL) A method as recited in claim 1, wherein the generating comprises producing a short fingerprint which is approximately equivalent to the fingerprint and is substantially smaller in scale than the fingerprint.

421 West Riverside, Suite 500
Spokane, WA 99201
P: 509.324-9256
F: 509.323-8979
www.leehayes.com
lee&hayes

3. (ORIGINAL) A method as recited in claim 1, wherein the generating comprises:

producing a pseudorandom watermark carrier that is independent of the watermark;

combining the carrier and the watermark to generate the fingerprint.

4. (ORIGINAL) A method as recited in claim 1, wherein the generating comprises:

producing a pseudorandom watermark carrier that is independent of the watermark;

amalgamating the carrier and the watermark to generate the fingerprint.

5. (CURRENTLY AMENDED) A method as recited in ~~claim 1~~ claim 4, wherein the amalgamating comprises deriving the fingerprint from the carrier and the watermark.

6. (CURRENTLY AMENDED) A method as recited in ~~claim 1~~ claim 4, wherein the amalgamating comprises combining the carrier and the watermark to generate the fingerprint.

7. (ORIGINAL) A method as recited in claim 1, wherein the fingerprint is uniquely associated with the watermark.

lee&hayes
421 West Riverside, Suite 500
Spokane, WA 99201
P: 509.324-9256
F: 509.323-8979
www.leehayes.com

8. **(ORIGINAL)** A method as recited in claim 1, wherein the fingerprint is at least partially derived from the watermark.

9. **(ORIGINAL)** A method as recited in claim 1, wherein the fingerprint is associated with a detection entity.

10. **(ORIGINAL)** A method as recited in claim 1, wherein the fingerprint is uniquely associated with a detection entity.

11. **(CURRENTLY AMENDED)** A method as recited in claim 1 further comprising:

segmenting the digital good into multiple segments;

repeating the ~~obtaining,~~ generating, and embedding for individual segments of the multiple segments, so that a segment has a segment-associated watermark embedded therein and a segment-associated fingerprint is associated with such segment-associated watermark.

12. **(ORIGINAL)** A method as recited in claim 1, wherein the embedding produces a marked digital good, the method further comprising distributing identical copies of the marked digital good to multiple detection entities, wherein individual fingerprints are associated with one or more detection entities.

421 West Riverside, Suite 500
Spokane, WA 99201
P: 509.324-9256
F: 509.323-8979
www.leehayes.com
lee&hayes

13. (ORIGINAL) A method as recited in claim 1, wherein the digital good is selected from a group consisting of digitized images, digitized audio, digitized video, digitized multimedia, software applications, and media signals.

14. (ORIGINAL) A modulated signal generated in accordance with the acts recited in claim 1, wherein the signal has a minimum collusion resistance that grows linearly with the scale of the signal.

15. (ORIGINAL) A modified signal generated in accordance with the acts recited in claim 1, wherein the signal has a minimum collusion resistance that grows with the scale (N) of the signal in the order of magnitude of $O(N \log N)$.

16. (ORIGINAL) A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method as recited in claim 1.

17. (ORIGINAL) A computer comprising one or more computer-readable media having computer-executable instructions that, when executed by the computer, perform the method as recited in claim 1.

Claims 18-55 are CANCELLED

421 West Riverside, Suite 500
Spokane, WA 99201
P: 509.324-9256
F: 509.323-8979
www.leehayes.com
lee&hayes

56. (ORIGINAL) A system for facilitating the protection of digital goods, the system comprising:

a key generation entity configured to generate pseudorandom watermarks and fingerprints;

a marker configured to embedded the watermark into a digital good, wherein the fingerprint is not embedded into the digital good.

57. (ORIGINAL) A system as recited in claim 56, wherein the key generation entity is further configured to produce a pseudorandom watermark carrier that is independent of the watermark and combine the carrier and the watermark to generate the fingerprint.

58. (ORIGINAL) A system as recited in claim 56, wherein the key generation entity is further configured to produce a pseudorandom watermark carrier that is independent of the watermark and coalesce the carrier and the watermark to generate the fingerprint.

59. (ORIGINAL) A system as recited in claim 56, wherein the fingerprint is associated with the watermark.

60. (ORIGINAL) A system as recited in claim 56, wherein the fingerprint is associated with a detection entity.

lee&hayes
421 West Riverside, Suite 500
Spokane, WA 99201
P: 509.324.9256
F: 509.323.8979
www.leehayes.com

61. (ORIGINAL) A system as recited in claim 56, wherein the digital good is selected from a group consisting of digitized images, digitized audio, digitized video, digitized multimedia, software applications, and media signals

Claims 62-69 are CANCELLED

70. (ORIGINAL) A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method comprising:

generating a fingerprint, the fingerprint being associated with a watermark;

embedding the watermark into a digital good without embedding the fingerprint.

71. (CANCELLED)

72. (CANCELLED)

lee&hayes
421 West Riverside, Suite 500
Spokane, WA 99201
P: 509.324-9256
F: 509.323-8979
www.leehayes.com